## CLAIMS

1. (Currently Amended) A method for creating a micropolarizer, comprising:

providing a first plate having a first and a second surface;

providing a second plate having a first and a second surface;

coating a polyimide on each of said first surface of said two plates;

exposing said first plate to linearly polarized UV light;

rubbing said polyimide coated upon said first surface of said first plate along a predetermined direction;

rubbing said polyimide coated upon said first surface of said second plate along a direction perpendicular to said predetermined direction;

aligning said first plate and said second plate having said first surface of said first plate and said first surface of said second plate facing each other thereby creating a space there between so that a Maguin condition exists between said plates; and

filling a liquid crystal between said space whereby a cell, or film is created.

2. (Original) The method of claim 1, further comprising:

using a mask having alternate transparent and opaque stripes coving said cell or film whereby a solidifying energy are being selectively applied there through; and

partially solidifying some portions said liquid crystal.

3. (Original) The method of claim 2, further comprising:

removing said mask; and

heating said cell or film to a temperature set point, whereby unsolidified liquid crystals covered by said opaque stripes are being transformed into a different phase.

4. (Original) The method of claim 1, further comprising:

re-solidifying uncured nematics into an isotropic phase.

5. (Canceled)

6. (Original) The method of claim 2, wherein:

said solidifying comprises applying an ultraviolet light.

7. (Original) The method of claim 1, wherein:

said space having a substantially equidistance between said first surface of said first plate and said first surface of said second plate.

8. (Original) The method of claim 1, wherein:

said liquid crystal comprises a nematic liquid crystal.

9. (Original) The method of claim 8, wherein:

said nematic liquid crystal comprises a type of polymerizable nematic liquid crystal.

10. (Canceled)

11. (Canceled)

12. (Original) The method of claim 1, wherein:

said two plates comprising flat glass plates.

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Currently Amended) A method for creating a micropolarizer, comprising:

providing a first plate having a first and second surface;

coating a polyimide on said first surface of said first plate;

exposing said first plate with linearly polarized UV light;

rubbing said polyimide coated upon said first surface of said first plate along a predetermined direction;

coating a photo resist on top of said polyimide;

patterning said photo resist into a predetermined alternatively spaced strips;

re-rubbing said polyimide coated upon said first surface of said first plate along a direction perpendicular to said predetermined direction so that a Maguin condition exists between said plates; and

rinsing off said photo resist.

25. (Original) The method of claim 24, further comprising:

providing a second plate having a first and a second surface;

coating a polyimide on said first surface of said first plate;

rubbing said polyimide coated upon said first surface of said first plate along a predetermined direction;

aligning said first plate and said second plate having said first surface of said first plate and said first surface of said second plate facing each other thereby creating a space there between; and

filling a liquid crystal between said space whereby a cell, or film is created.

26. (Original) The method of claim 24, further comprising:

solidifying said liquid crystal.

27. (Canceled)

28. (Original) The method of claim 26, wherein:

said solidifying comprises applying an ultraviolet light.

29. (Original) The method of claim 24, further comprising:

re-solidifying uncured nematics into an isotropic phase.

30. (Original) The method of claim 29, wherein:

said solidifying comprises applying an ultraviolet light.

31. (Original) The method of claim 25, wherein:

said space having a substantially equidistance between said first surface of said first plate and said first surface of said second plate.

32. (Original) The method of claim 24, wherein:

said liquid crystal comprising a nematic liquid crystal.

33. (Original) The method of claim 32, wherein:

said nematic liquid crystal comprising a type of polymerizable nematic liquid crystal.

34 (Canceled)

35. (Canceled)

36. (Canceled)

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